

FORM PTO-1449

U.S. Department of Commerce  
Patent and Trademark OfficeAtty. Docket No.  
P23688Application No.  
10/646,908INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(Use several sheets if necessary)

Applicant  
Hiroshi NOMURAFiling Date  
August 25, 2003Group  
2851

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL | DOCUMENT NUMBER      | DATE     | NAME          | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|---------------------|----------------------|----------|---------------|-------|----------|-------------------------------|
|                     | 4 8 4 1 3 2 3        | 06/20/89 | MINORU et al. |       |          |                               |
|                     | 2004 / 0 0 4 2 9 0 2 | 03/04/04 | NOMURA        |       |          |                               |
|                     | 2004 / 0 1 4 1 7 3 5 | 07/22/04 | NOMURA et al. |       |          |                               |
|                     | 2004 / 0 0 6 2 5 3 6 | 04/01/04 | NOMURA        |       |          |                               |
|                     | 2004 / 0 0 4 2 7 7 6 | 03/04/04 | NOMURA        |       |          |                               |
|                     | 6 1 8 5 3 7 5        | 02/06/01 | KAZUO         |       |          |                               |
|                     |                      |          |               |       |          |                               |
|                     |                      |          |               |       |          |                               |
|                     |                      |          |               |       |          |                               |

## FOREIGN PATENT DOCUMENTS

| DOCUMENT NUMBER    | DATE     | COUNTRY        | CLASS | SUBCLASS | TRANSLATION<br>YES NO |
|--------------------|----------|----------------|-------|----------|-----------------------|
| 2000 - 0 2 3 0 0 2 | 01/21/00 | JAPAN          |       |          |                       |
| 6 - 3 0 8 5 9 2    | 11/04/94 | JAPAN          |       |          |                       |
| 7 - 1 9 9 0 1 9    | 08/04/95 | JAPAN          |       |          |                       |
| 5 - 3 1 3 2 2 6    | 11/26/93 | JAPAN          |       |          |                       |
| 7 - 2 9 5 0 5 0    | 11/10/95 | JAPAN          |       |          |                       |
| 9 - 0 0 5 8 4 9    | 01/10/97 | JAPAN          |       |          |                       |
| 61 - 1 3 3 9 3 3   | 06/21/86 | JAPAN          |       |          |                       |
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| 2 3 9 4 7 8 7      | 05/05/04 | UNITED KINGDOM |       |          |                       |

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

|  |   |  |
|--|---|--|
|  | 1 | English Language Abstract of JP 2000-023002. |
|  | 2 | English Language Abstract of JP 6-308592.    |
|  | 3 | English Language Abstract of JP 7-199019.    |
|  | 4 | English Language Abstract of JP 5-313226.    |
|  | 5 | English Language Abstract of JP 7-295050.    |
|  | 6 | English Language Abstract of JP 9-005849.    |
|  | 7 | English Language Abstract of JP 61-133933.   |
|  | 8 | English Language Abstract of JP 2003-114473. |

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Sheet 1 of 1

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|   |   |
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| 1 | English Language Translation of JP 2000-023002. |
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